



PTO/SB/21 (6-98)

1775  
#2  
JUN 03 2002  
08/09/02

Please type a plus sign (+) inside this box →

Approved for use through 09/30/2000. OMB 0651-0031

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/016,939
		Filing Date	02/17/2002
		First Named Inventor	Glen Roeters, et al <i>JUN 03 2002</i>
		Group Art Unit	1775
		Examiner Name	<i>TC 1700</i>
Total Number of Pages in This Submission		Attorney Docket Number	DENSE-052A

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Charge Any Additional Fee Required, to Deposit Account No. 19-4330 <input type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69 and Accompanying Petition) <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Additional Enclosure(s) (please identify below)
PT0-1449 (4 Sheets) Prior Art 52 refs return postcard		
REMARKS:		

TC 2800 MAIL ROOM  
AUG - 2 2002  
RECEIVED

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

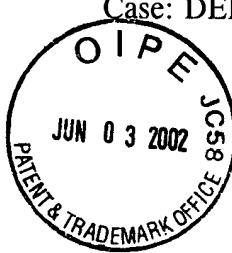
Firm or Individual Name	Kit M. Stetina, STETINA BRUNDA GARRED & BRUCKER
Signature	<i>Kit M. Stetina</i>
Date	5/23/02

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: *5-23-02*

Typed or printed name	Heather Steinhauer
Signature	<i>Heather Steinhauer</i>
Date	5-23-02

† SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231



Case: DENSE-052A

RECEIVED

AUG - 2 2002

TC 2800 MAIL ROOM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

JUN 06 2002

TC 1700

Applicant(s): Glen E. Roeters )  
Andrew C. Ross ) Art Unit:  
 )  
Serial No.: 10/016,939 ) Examiner:  
 )  
Filed: 12/14/2001 )  
 )  
For: Csp chip stack with flex circuit )

---

INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. SECTION 1.97

Box DD  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir/Madam:

Pursuant to 37 C.F.R. § 1.97, the following Information Disclosure Statement is submitted as listed on form IDS1449 enclosed herewith in duplicate. Copies of all disclosure documents are attached hereto for the Examiner's review.

No representation is made that the references disclosed herein legally constitute prior art, or that more relevant references are not available. The disclosure documents enclosed herewith and listed on the attached form (PTO/SB/08) are printed in the English language and/or accompanied by an Abstract published in the English language.

The references listed herein, when taken alone or in combination are not believed to disclose nor make obvious the invention as claimed in the subject application.

As this Information Disclosure Statement is being submitted before the stipulated three months from the filing date of the application and/or before the mailing of a first Office Action, it is believed that no fee is required. If a fee is required, please charge Account Number 19-4330.

Respectfully submitted,

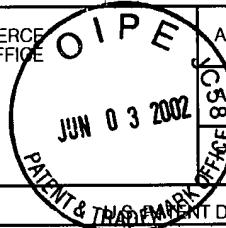
Dated: 5/23/02  
Customer No. 007663

By:

  
Kit M. Stetina  
Registration No. 29,445  
STETINA BRUNDA GARRED & BRUCKER  
75 Enterprise, Suite 250  
Aliso Viejo, CA 92656  
(949) 855-1246

T:\Client Documents\DENSE\052A\ids.wpd

FORM PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. DENSE-052A	SERIAL NO. 10/016,939
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		CANDIDATE Glen E. Roeters, et al.	
(Use several sheets if necessary)		RECEIVING DATE December 14, 2001	GROUP 1775
(37 CFR 1.98(b))		O P E R A T I O N S	



PATENT NUMBER 4,381,320 ISSUE DATE May 10, 1983

EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3	7	2	3	9	7	7	03-27-1973	Schaufele			RECEIVE
	3	7	4	6	9	3	4	07-17-1973	Stein			
	4	3	7	1	9	1	2	02-1-1983	Guzik			JUN 06 2002
	4	6	3	8	3	4	8	01-20-1987	Brown et al.			
	4	7	6	1	6	8	1	08-02-1988	Reid			TC 1700
	4	8	4	1	3	5	5	01-20-1989	Parks			
	4	8	5	1	6	9	5	06-25-1989	Stein, Karl-Ulrich			
	4	8	6	8	7	1	2	09-19-1989	Woodman			
	4	9	5	6	6	9	4	09-11-1990	Eide			
	5	1	1	7	2	8	2	05-26-1992	Salatino			
	5	1	2	8	8	3	1	06-07-1992	Fox, III et al.			
	5	1	9	8	8	8	8	03-30-1993	Sugano et al.			

RECEIVED

JUN 06 2002

TC 1700

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

**OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)**


**EXAMINER**

**DATE CONSIDERED**

EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

Atty: Kit M. Stetina  
STETINA BRUNDA GARRED & BRUCKER  
75 Enterprise, Suite 250  
Aliso Viejo, CA 92656  
(949) 855-1246

FORM PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. DENSE-052A	SERIAL NO. 10/016,939
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Glen E. Roeters, et al.	
(Use several sheets if necessary)		FILING DATE December 14, 2001	GROUP 1775

## 1.3. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5	2	0	1	4	5	1	04-13-1993	Desai et al.			
	5	2	3	1	3	0	4	07-27-1993	Solomon			
	5	2	3	9	4	4	7	08-24-1993	Cotus et al.			
	5	2	6	9	4	5	3	12-14-1993	Melton et al.			
	5	2	8	2	5	6	5	02-01-1994	Melton			JUN 06 2002
	5	2	8	4	7	9	6	02-08-1994	Nakanishi et al.			
	5	3	1	1	4	0	1	05-10-1994	Gates, Jr. et al.			
	5	3	1	3	0	9	6	05-17-1994	Eide			
	5	3	2	4	5	6	9	06-28-1994	Nagesh et al.			
	5	3	2	8	0	8	7	07-12-1994	Nelson et al.			
	5	3	7	3	1	8	9	12-13-1994	Massit et al.			
	5	3	8	4	6	8	9	01-24-1995	Shen			

RECEIVED

JUN 06 2002

TC 1700

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

**OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)**

EXAMINER \_\_\_\_\_ DATE CONSIDERED \_\_\_\_\_

EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

Attn: Kit M. Stetina  
STETINA BRUNDA GARRED & BRUCKER  
75 Enterprise, Suite 250  
Aliso Viejo, CA 92656  
(949) 855-1246

IDS1449 PTO

FORM PTO-1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. DENSE-052A	SERIAL NO. 10/016,939
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Glen E. Roeters, et al.	
(Use several sheets if necessary)		FILING DATE December 14, 2001	GROUP 1775
(37 CFR 1.98(b))			



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5	4	4	8	5	1	1	09-05-1995	Paurus et al.			
	5	4	6	6	6	3	4	11-14-1995	Beilstein, Jr. et al.			
	5	5	1	4	9	0	7	05-07-1996	Moshayedi			
	5	6	0	7	5	3	8	03-04-1997	Cooke			
	5	6	1	2	5	7	0	03-18-1997	Eide et al.			JUN 06 2002
	5	6	4	6	4	4	6	06-08-1997	Nicewarner, Jr. et al.			
	5	7	0	0	7	1	5	12-23-1997	Pasch			
	5	7	1	2	7	6	7	01-27-1998	Koizumi			
	5	7	3	1	6	3	3	03-24-1998	Clayton			
	5	7	5	9	0	4	6	06-02-1998	Ingraham et al.			
	5	8	1	8	1	0	6	10-06-1998	Kunimatsu			
	5	8	6	9	3	5	3	02-09-1999	Levy et al.			

RECEIVED

JUN 06 2002  
TC 1700

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
							YES

## OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

Atty: Kit M. Stetina  
 STETINA BRUNDA GARRED & BRUCKER  
 75 Enterprise, Suite 250  
 Aliso Viejo, CA 92656  
 (949) 855-1246

FORM PTO-1449 (Modified)		Sheet 4 of 4	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. DENSE-052A		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		SERIAL NO. 10/016,939	
(Use several sheets if necessary)		APPLICANT Glen E. Roeters, et al.	
(37 CFR 1.98(b))		FILING DATE December 14, 2001	GROUP 1775

~~PATENT DOCUMENTS~~

RECEIVED

JUN 6 2002

IC 1700

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER							PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION		
													YES	NO	
/		6	-	7	7	6	4	4	1994	Japan				X	
/		4	2	0	9	5	6	2	1992	Japan					X
/		2	2	3	9	6	5	1	1990	Japan					X
/		5	6	8	8	3	2	4	1981	Japan					X
/		6	0	1	9	4	5	1	8	1985	Japan				X

**OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant Pages, Place of Publication\*\*\*)**

		ANONYMOUS, Organic Card Device Carrier, Research Disclosure, May 1990, Number 313
		"Megabyte per cubic inch," Defense Science, May 1988, p. 56
		"Three Dimensional Packaging," Defense Science, May 1988, p. 65
		Robert Amunroe, "Ball Grid Array Technology," EDN Products Edition, Jan 1997, pp. 23-24

**EXAMINER**

**DATE CONSIDERED**

EXAMINER: Initial citation considered. Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

Atty: Kit M. Stetina  
STETINA BRUNDA GARRED & BRUCKER  
75 Enterprise, Suite 250  
Aliso Viejo, CA 92656  
(949) 855-1246

IDS1449.PTO